

Introducción:

Para poder visualizar todo lo realizado con nuestra pagina PWA, debemos contar con un servidor de despliegue, si bien github pages proporciona una herramienta similar, no cubre todas las necesidades. Como alternativa se utilizara un servidor gratuito: Netlify.

Netlify es una empresa de computación en la nube remota que ofrece una plataforma de desarrollo que incluye servicios backend de creación, implementación y sin servidor para aplicaciones web y sitios web dinámicos. La plataforma se basa en estándares web abiertos, lo que permite integrar herramientas de compilación, marcos web, API y diversas tecnologías web en un flujo de trabajo de desarrollador unificado.

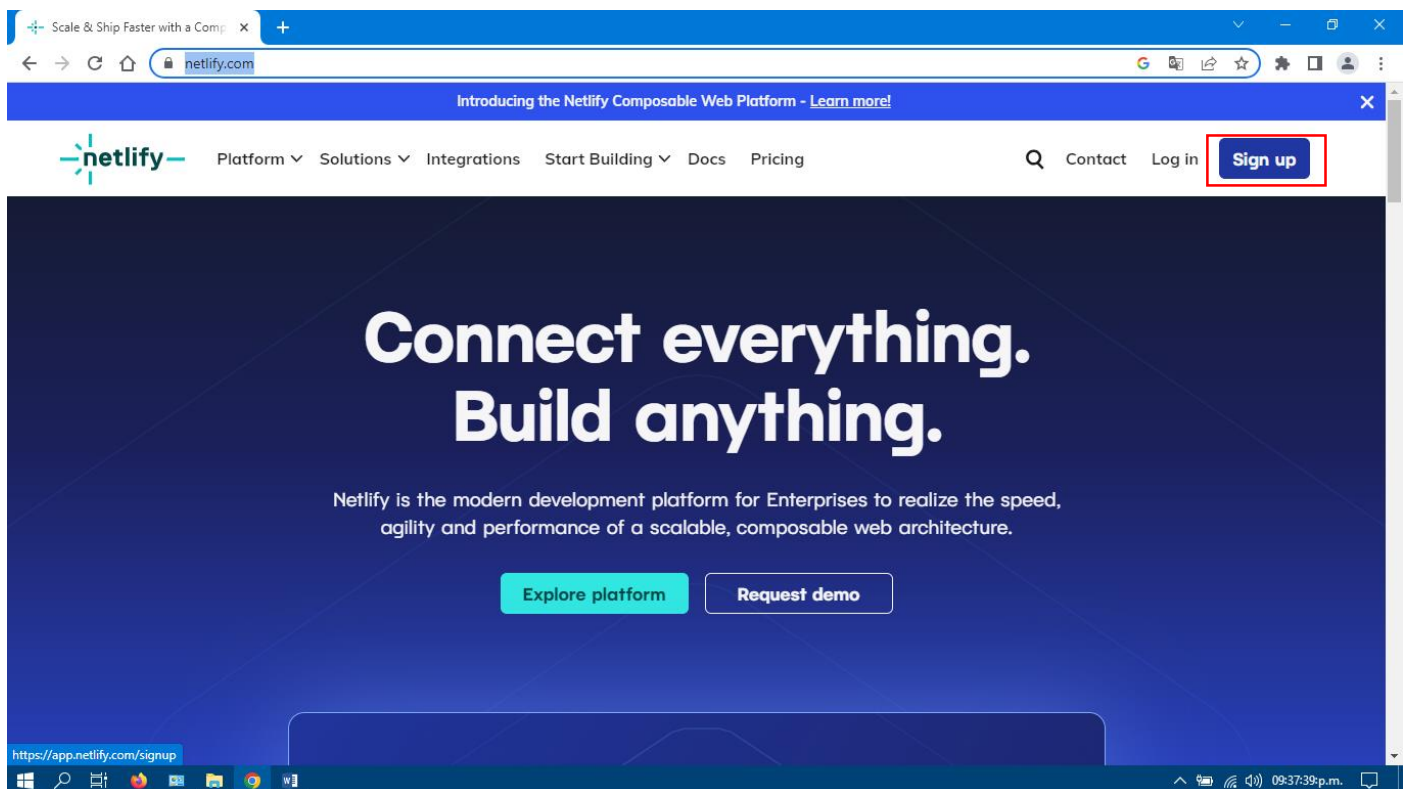
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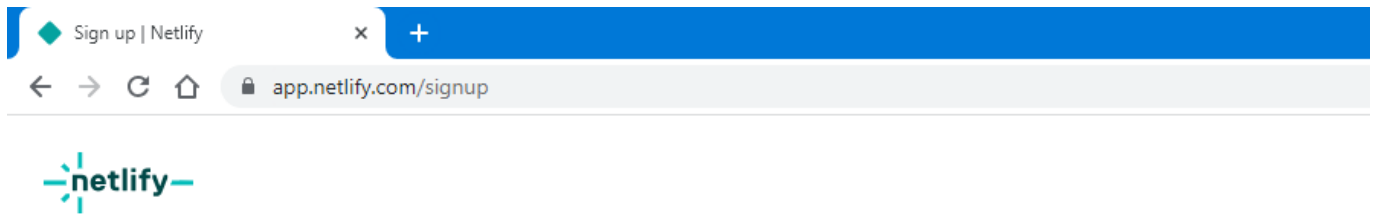
0.- Recursos necesarios:

- Un proyecto iniciado y subido a github
- Computadora, se puede en celular pero será MUUUUUUY incomodo trabajar en el.
- Conexión a internet.

1.- Ingresar a la dirección <https://www.netlify.com/>

2.- Crear una cuenta en la página:





Como podemos ver, tenemos la opción de hacer la cuenta con github, elegimos esa.

Sign up to deploy your project



Sign up with GitHub



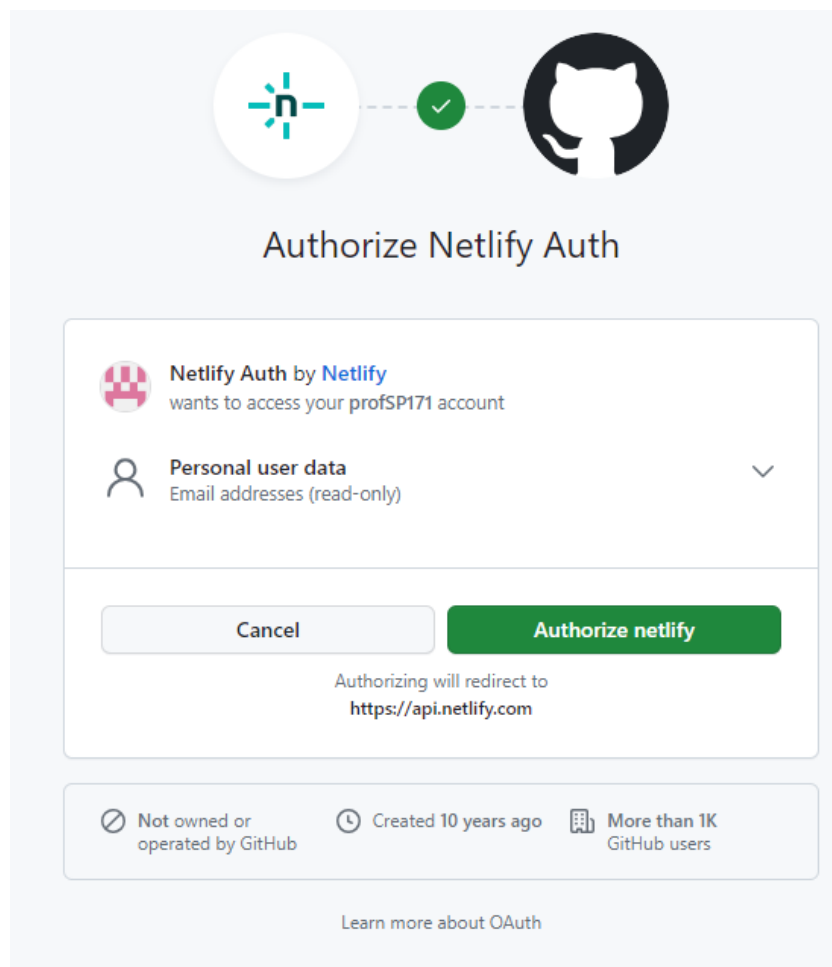
Sign up with GitLab



Sign up with Bitbucket

[Sign up with email](#)

Autorizamos el acceso via github.



Nos pregunta cuales son los planes para esta cuenta, elegiremos la opción escolar.

Welcome | Netlify

app.netlify.com/signup-questions

netlify

Nice to meet you! Let's get acquainted.

How are you planning to use Netlify?

School Work Personal Client

Required field

What kind of site do you want to build first?

Company site eCommerce Web app Web 3.0 Documentation Blog Games Something else

What best describes your role?

pa.oarredondo@utsoe.edu.mx

Para no entrar en detalles acerca de la aplicación, simplemente elegiremos School Project.

Welcome | Netlify

app.netlify.com/signup-questions

School Work Personal Client

Required field

What kind of site do you want to build first?

School project Web app eCommerce Documentation Company site Web 3.0 Games Personal site Blog Something else

What best describes your role?

Teacher Student Other

What is the name of your team?

Name your team

pa.oarredondo@utsoe.edu.mx

Netlify for School

Nos preguntara el rol en el proyecto, en su caso seria estudiante. Después nos pregunta el nombre de nuestro equipo de trabajo, pueden poner el nombre del proyecto si es el caso (opcional). Por ultimo en esta sección damos en continuar a deployar.

Welcome | Netlify

app.netlify.com/signup-questions

Company site Web 3.0 Games Personal site

Blog Something else

What best describes your role?

Teacher Student Other

What is the name of your team?

Name your team

School, cohort or project name

People who use Netlify for school often use a school, cohort or project name.

Continue to deploy

pa.oarredondo@utsoe.edu.mx

Netlify for School

Building a School project

Student

3.- La siguiente ventana nos da la opción de desplegar nuestro sitio a través de varias opciones, seleccionamos la de github.

Start | Netlify

app.netlify.com/signup/start

netlify

Deploy your first project.

Not ready yet? [Skip this step for now.](#)

Deploy with GitHub

Deploy with GitLab

Deploy with Bitbucket

Deploy Azure DevOps

Get started another way

[Try Netlify Drop](#) or [Choose a template](#)

prof_spartan_team

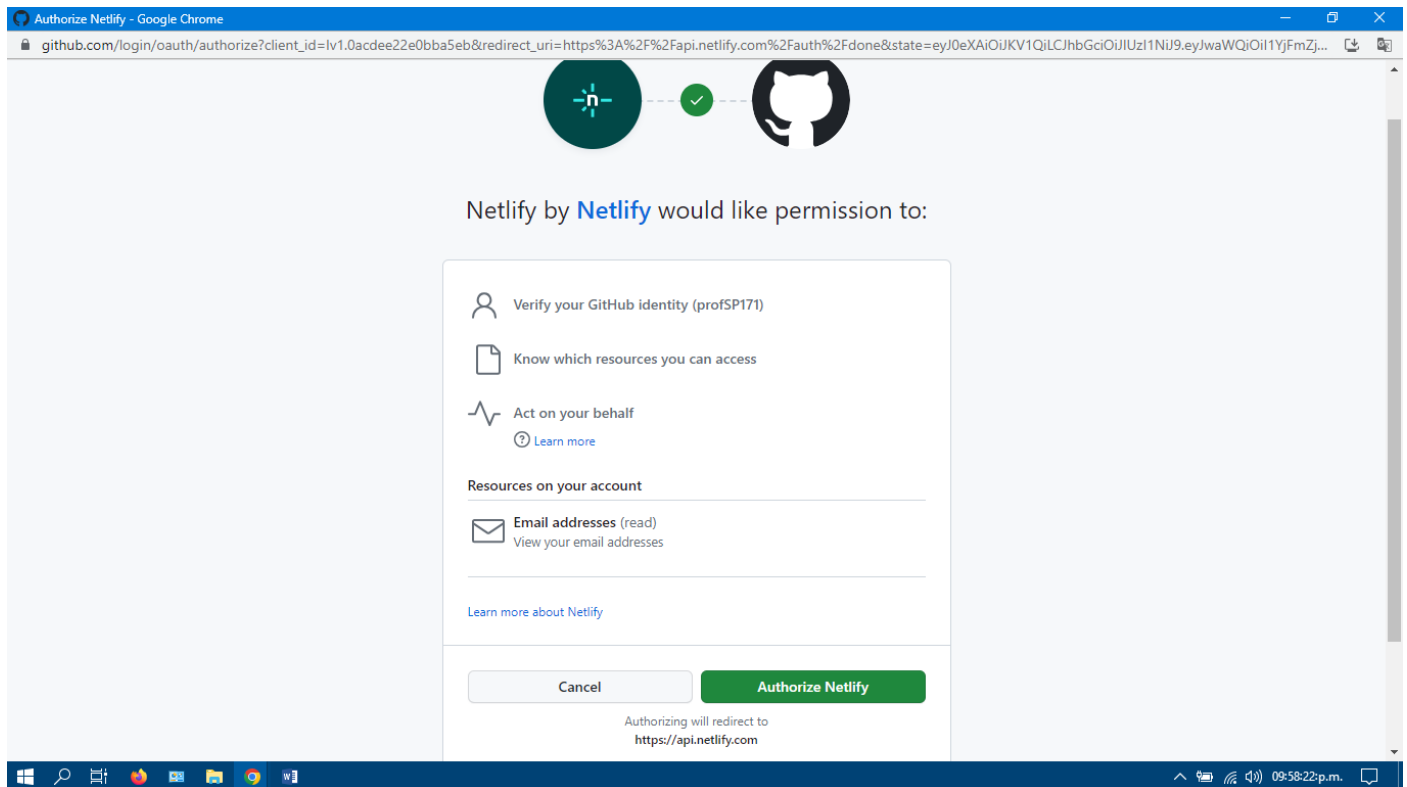
pa.oarredondo@utsoe.edu.mx

Netlify for School

Building a School project


Student

Nos pedirá la autorización de enlace ntlify – github.




4.- Nos preguntara si queremos que toda instale netlify en todos los repositorios de tu cuenta github o solo en un especifico, para este caso se recomienda que solo en el proyecto para la materia. A continuación damos clic en install

et_id=93394900



Install Netlify

Install on your personal account profSP171

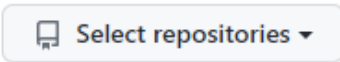
for these repositories:

☐ All repositories


This applies to all current *and* future repositories owned by the resource owner.
Also includes public repositories (read-only).


☒ Only select repositories

Select at least one repository.
Also includes public repositories (read-only).



Selected 1 repository.

 profSP171/profpwa2023



with these permissions:

☐ All repositories

This applies to all current *and* future repositories owned by the resource owner.
Also includes public repositories (read-only).

☒ Only select repositories

Select at least one repository.
Also includes public repositories (read-only).

 Select repositories ▼

Selected 1 repository.

 profSP171/profpwa2023



with these permissions:

- ✓ Read access to code and metadata
- ✓ Read and write access to checks, commit statuses, issues, and pull requests

User permissions

Netlify can also request users' permission to the following resources. These permissions will be requested and authorized on an individual-user basis.

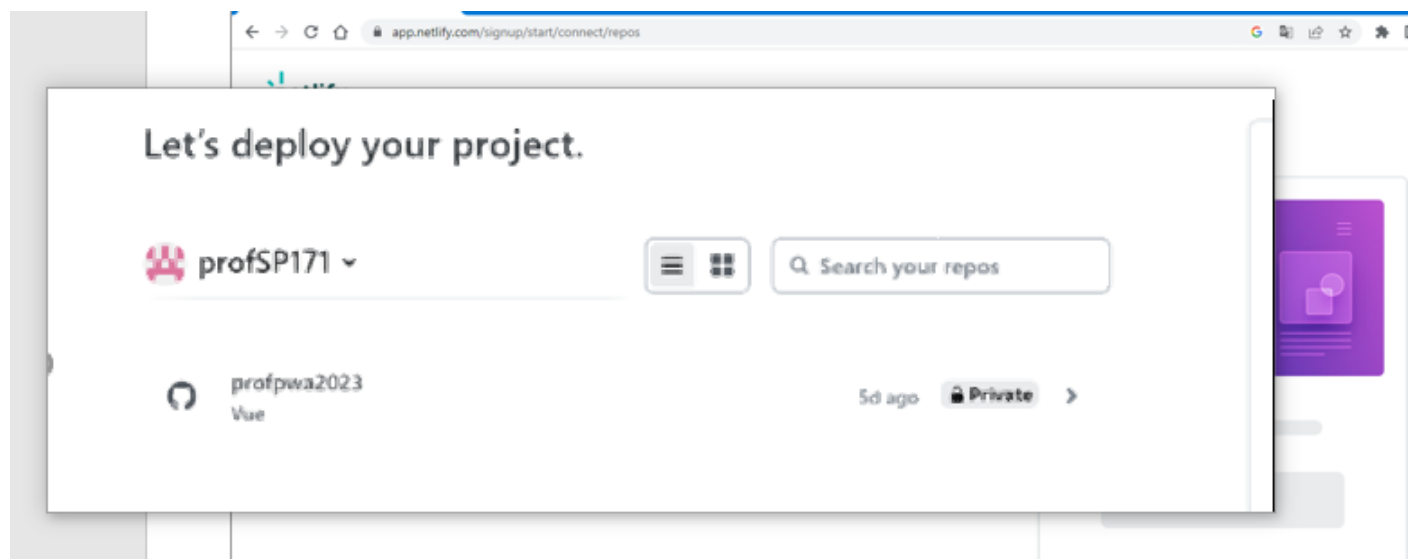
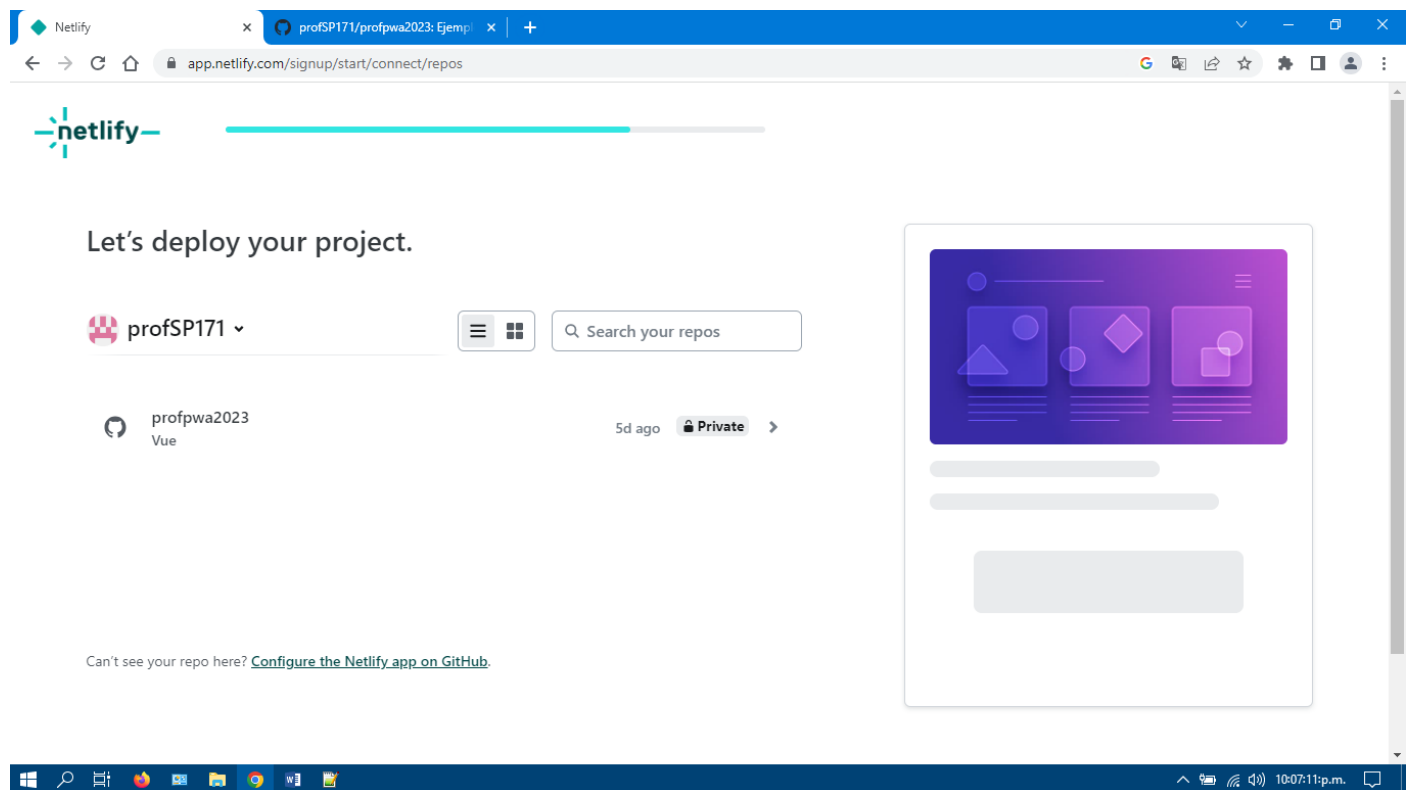
- ✓ Read access to email addresses

Install

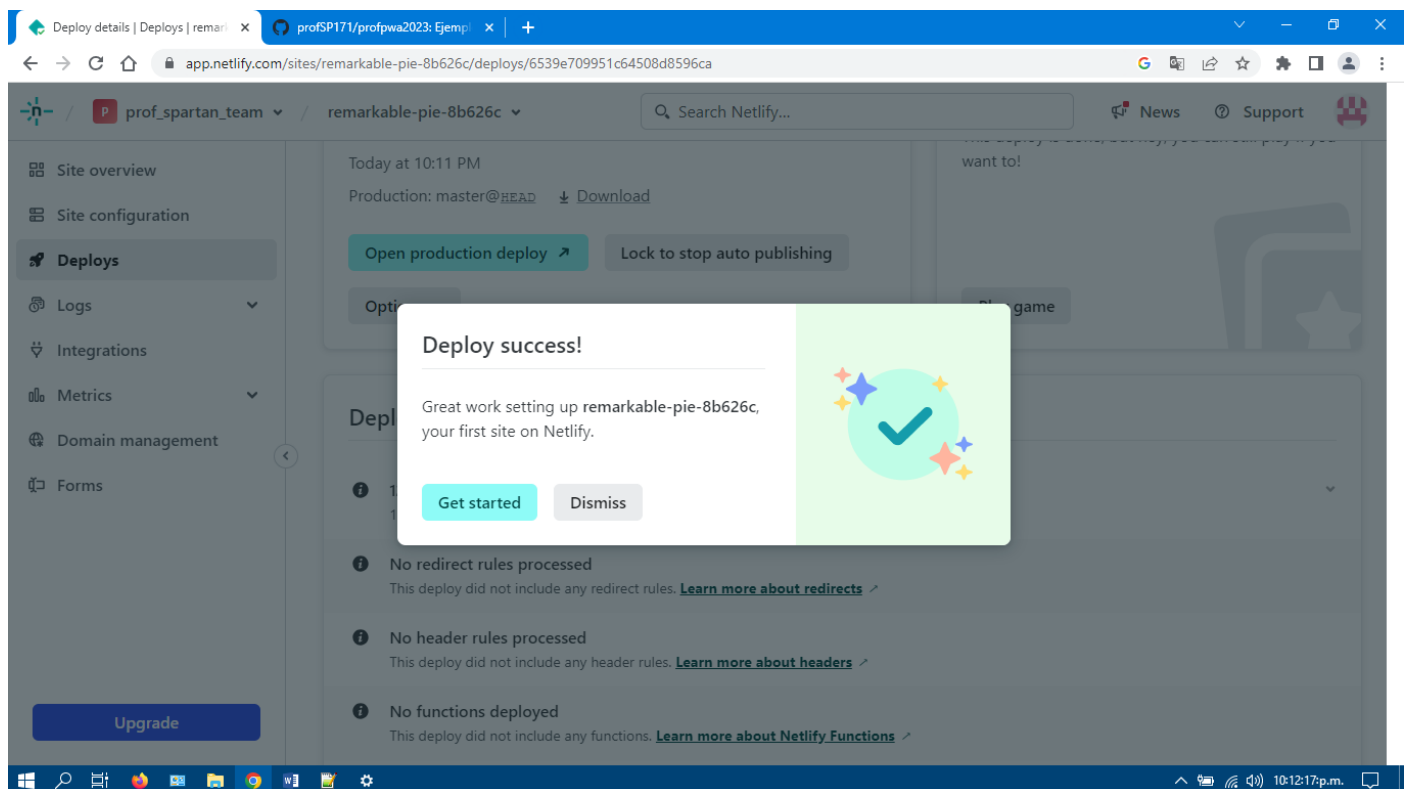
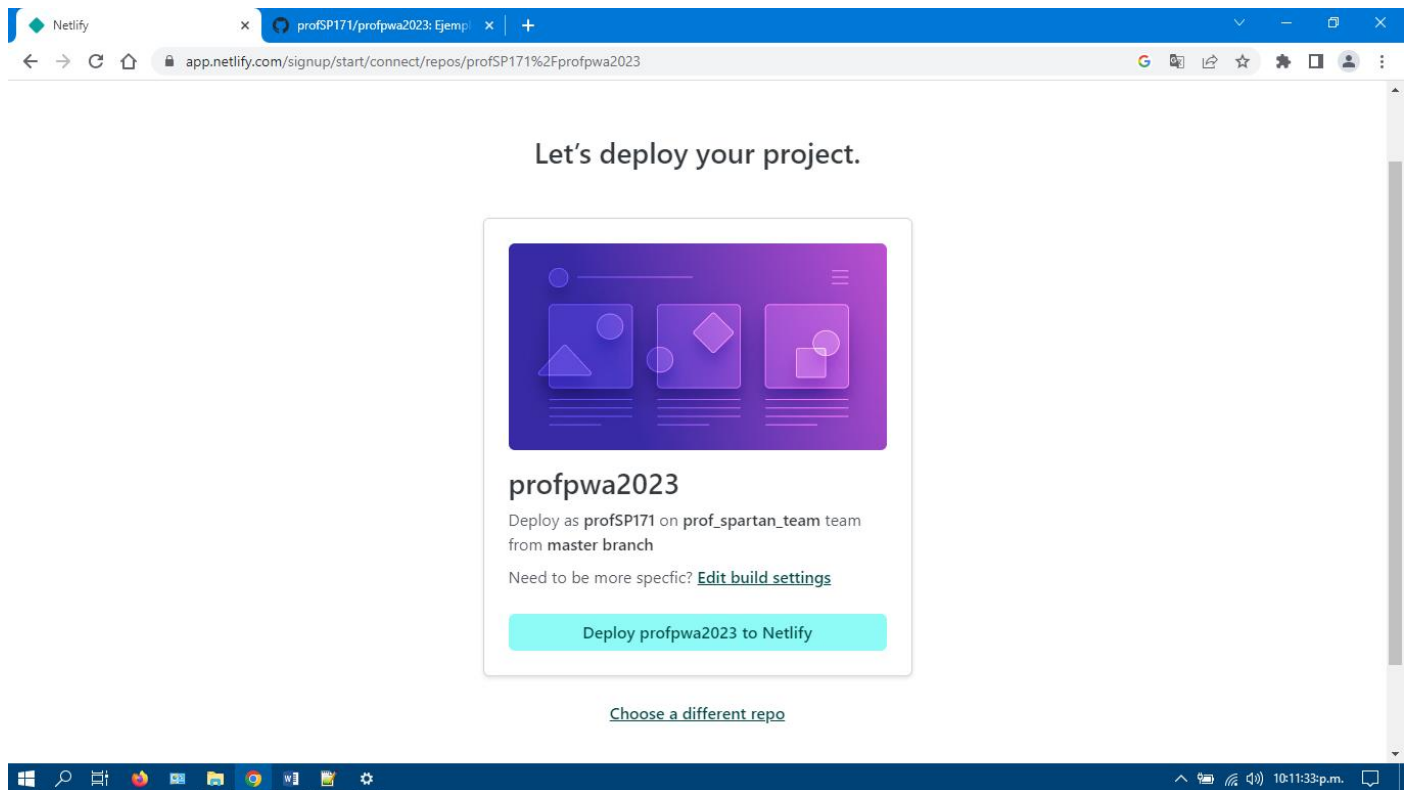
[Cancel](#)

Next: you'll be directed to the GitHub App's site to complete setup.

5.- Nos despliega la siguiente ventana donde elegimos el proyecto:



Nos pregunta si queremos hacer deploy, si has seguido el tutorial, se desplegará el proyecto en el servidor, pero, no funcionará debido a que la estructura que solicita este para funcionar (una forma de hacerlo) es que el proyecto de vue se encuentre en la raíz del mismo, esto lo configuraremos unos pasos más adelante.



Tu panel de control se ve algo asi:

The screenshot shows the Netlify team overview page for 'prof_spartan_team'. The left sidebar contains navigation links: Team overview, Sites, Builds, Integrations, Domains, Members, Audit log, Security Scorecard, Billing, and Team settings. The main content area features a 'Get started with Netlify' section with a progress bar (1/7) and buttons for 'Customize site name' and 'Deploy again'. Below this is a 'prof_spartan_team Starter' section showing usage metrics: Bandwidth (0 KB/100 GB), Build minutes (0/300), Concurrent builds (0/1), and Team members (1). A large red 'P' icon is also visible. At the bottom, there are sections for 'Sites' and 'Builds', each with an 'Add new site' button. An 'Upgrade' button is located at the bottom left of the main content area.


This screenshot shows the same Netlify team overview page, but with the 'Sites' and 'Builds' sections expanded. The 'Sites' section displays a site named 'remarkable-pie-8b626c' which deploys from GitHub. The 'Builds' section shows a build for the same site, labeled 'remarkable-pie-8b626c Completed', with the production branch set to 'master@HEAD'. Below these sections is the 'Members' section, which lists the team owner 'pa.oarredondo@utsoe.edu.mx' with a 'No 2FA' warning. An 'Upgrade to add members' button is present next to the member list. The 'Upgrade' button remains at the bottom left.

En la sección de sites podemos ver los sitios desplegados

This screenshot shows the 'Sites' section of the Netlify dashboard for the 'prof_spartan_team'. The left sidebar contains navigation links: Team overview, Sites (selected), Builds, Integrations, Domains, Members, Audit log, Security Scorecard, Billing, and Team settings. The main content area features a search bar, an 'Add new site' button, and a list of sites. One site is visible: 'remarkable-pie-8b626c', which is owned by 'prof_spartan_team', deploys from 'GitHub', and was published at 10:33 PM (7 minutes ago). Below the site list is a large dashed box with the text: 'Want to deploy a new site without connecting to Git? Drag and drop your site output folder here. Or, [browse to upload](#).' An 'Upgrade' button is located at the bottom left of the sidebar.

This screenshot shows the 'Site overview' page for the 'remarkable-pie-8b626c' site. The left sidebar has navigation links: Site overview (selected), Site configuration, Deploys, Logs, Integrations, Metrics, Domain management, and Forms. The main content area displays the site name 'remarkable-pie-8b626c', its URL 'https://remarkable-pie-8b626c.netlify.app', and deployment details. Below this are buttons for 'Site configuration' and 'Favorite site'. A large section titled 'Set up your site' contains three numbered steps: 1. 'Your site is deployed ✓' (with a sub-note to try a test build), 2. 'Set up a custom domain →' (with a sub-note to buy a new domain or set up an existing one), and 3. 'Secure your site with HTTPS' (with a sub-note that the site is secured automatically with a Let's Encrypt certificate). An 'Upgrade' button is at the bottom left of the sidebar.

Observamos la url del proyecto (se puede cambiar). Si abres la url, teóricamente debería mostrarte error porque el servidor no esta direccionado a la carpeta correspondiente.

[/ remarkable-pie-8b626c](#) 


Search Netlify...


remarkable-pie-8b626c

- <https://remarkable-pie-8b626c.netlify.app>

Deploys from [GitHub](#).

Published at 10:33 PM.

 Site configuration



 Favorite site

6.- Para poder hacer el despliegue correcto, primero cambiaremos en el build la ruta para que tome el directorio donde se encuentra la pagina:

Para esto, a partir de la sección correspondiente a nuestro sitio, elegimos la opción lateral de site configuration

prof_pwa2023/pagina/tienda_m... x Site overview | remarkable-pie-8... x Tienda Majika x Tienda Majika x +

app.netlify.com/sites/remarkable-pie-8b626c/overview

 /  prof_spartan_team / remarkable-pie-8b626c Search Netlify...

Site overview

Site configuration

Deploys

Logs

Integrations

Metrics

Domain management


Forms


remarkable-pie-8b626c

- <https://remarkable-pie-8b626c.netlify.app>

Deploys from [GitHub](#).

Published at 11:04 PM.

 Site configuration

 Favorite site

Set up your site

Luego elegimos build and deploy:

prof_pwa2023/pagina/tienda_majika

General | Site configuration | remarkable-pie-8b626c

Tienda Majika

app.netlify.com/sites/remarkable-pie-8b626c/configuration/general

prof_spartan_team

remarkable-pie-8b626c

Search Netlify...

Site overview

Site configuration

Deploys

Logs

Integrations

Metrics

Domain management

Forms

Configuration for remarkable-pie-8b626c

remarkable-pie-8b626c.netlify.app

Deploys from [GitHub](#).

Owned by [prof_spartan_team](#).

Last update at 11:04 PM (12 minutes ago)

General

Site details

Status badges

Site members

Danger zone

Build & deploy

Environment variables

Notifications

Site details

General information about your site

Site information

Site name:

remarkable-pie-8b626c

Owner:

prof_spartan_team

Site ID:

59ead090-4b62-4b62-4b62-4b62

Created:

Today at 11:04 PM

Upgrade

Aqui bajamos hasta la parte correspondiente a build settings, en base directory originalmente debería aparecer una / simple, nosotros agregaremos el resto de la ruta hasta nuestra pagina tal y como la tengamos en github, después guardamos los cambios.

The screenshot shows the Netlify dashboard for a site named 'remarkable-pie-8b626c'. The left sidebar contains navigation links: Site overview, Site configuration (selected), Deploys, Logs, Integrations, Metrics, Domain management, and Forms. The 'Site configuration' section is expanded, showing sub-options: General, Build & deploy (selected), Continuous deployment, Post processing, Split Testing, Deploy notifications, Environment variables, Notifications, Identity, and Access & security (marked as 'New'). The main content area is titled 'Build settings' and displays the following configuration:

Setting	Value
Runtime:	Not set
Base directory:	/pagina/tienda_magica
Package directory:	Not set
Build command:	Not set
Publish directory:	Not set
Functions directory:	/pagina/tienda_magica/netlify/functions
Build status:	Active

Below the table, there is a link: [Learn more about configuring builds in the docs](#) and a 'Configure' button.

NOTA: Netlify se actualiza hasta el momento de subir un cambio a la rama que estemos desplegando, por lo que hicimos esta configuración antes de desplegar un cambio necesario en nuestro proyecto y que veremos a continuación.

7.0.- **PRECAUCION:** Recuerda que estamos trabajando en modalidad ramas, por lo que puede que tengas que cambiar la rama que quieras desplegar en netlify, esto se realiza en la sección Branches and deploy contexts (un poco mas debajo de la que configuramos en el paso anterior):

General

Build & deploy

Continuous deployment

Post processing

Split Testing

Deploy notifications

Environment variables

Notifications

Identity

Access & security **New**

Branches and deploy contexts

Deploy contexts are branch-based environments that enable you to configure builds depending on the context. This includes production and preview environments.

Production branch:	master
Branch deploys:	Deploy only the production branch
Deploy Previews:	Any pull request against your production branch / branch deploy branches

[Learn more about branches and deploys in the docs](#)

Configure

Collaboration tools

The Netlify Drawer enables your team to collaborate on preview environments before changes go live to production. Discuss changes, file new issues, or annotate screenshots directly from a

Debería quedar algo así, no olvides guardar:

prof_pwa2023/pagina/tienda_m... x Build & deploy | Site configurati... x Tienda Majika x Tienda Majika x +

app.netlify.com/sites/remarkable-pie-8b626c/configuration/deploys

prof_spartan_team / remarkable-pie-8b626c

Site overview

Site configuration

Deploys

Logs

Integrations

Metrics

Domain management

Forms

Upgrade

Branches and deploy contexts

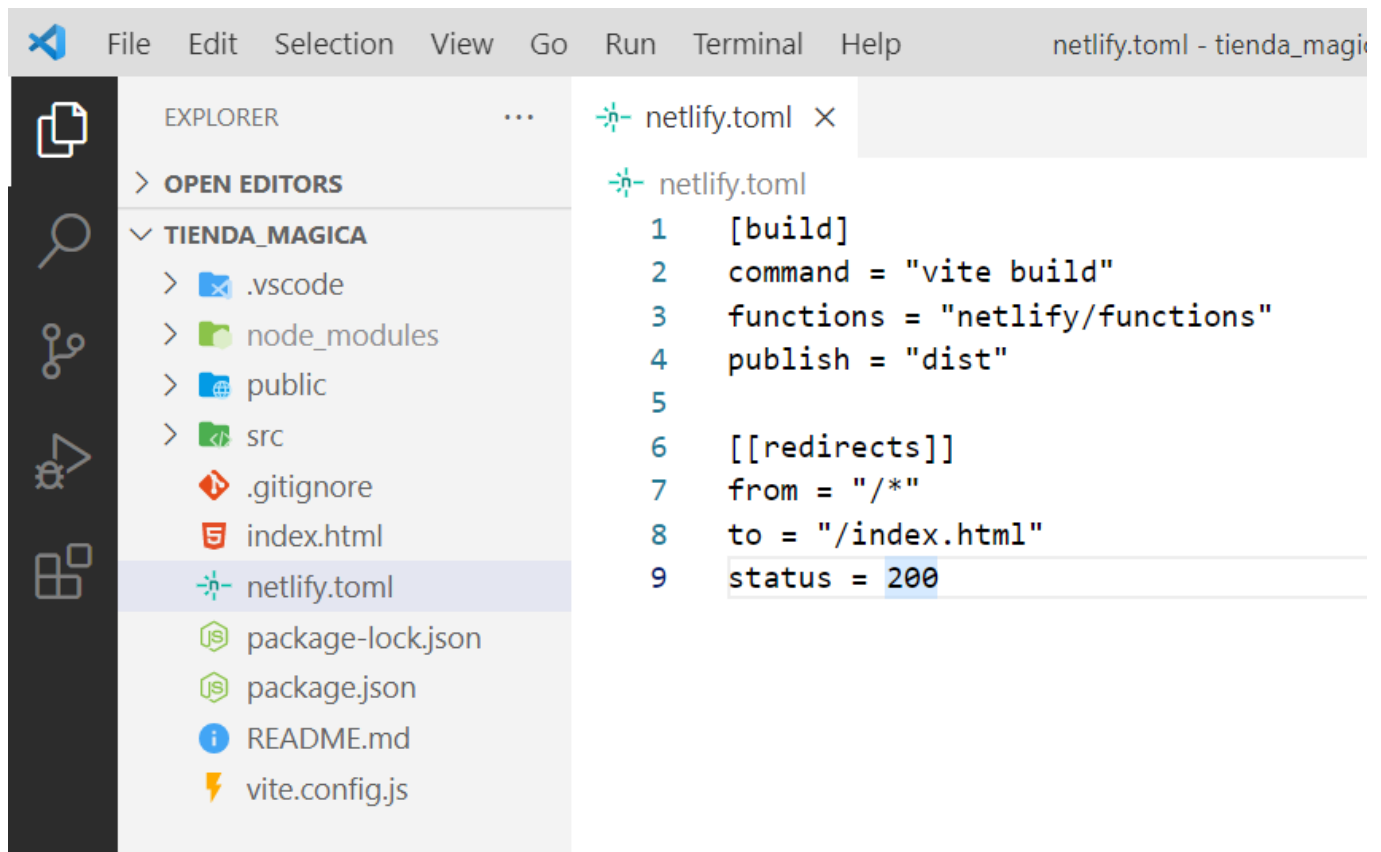
Deploy contexts are branch-based environments that enable you to configure builds depending on the context. This includes production and preview environments.

Production branch:	dev
Branch deploys:	<input type="radio"/> All Deploy all the branches pushed to the repository. <input checked="" type="radio"/> None Deploy only the production branch. <input type="radio"/> Let me add individual branches
Deploy Previews:	<input checked="" type="radio"/> Any pull request against your production branch / branch deploy branches Netlify will generate a deploy preview with a unique URL for each built pull request. <input type="radio"/> None Netlify won't build deploy previews for any pull requests.

[Learn more about branches and deploys in the docs](#)

En este curso se supone que se está trabajando con la rama dev (o como la hubieras nombrado) para no descomponer la rama principal (main o master), por lo que deberás cambiarla.

7.- Ahora configuraremos netlify en nuestro proyecto, **recuerda hacer el cambio en la rama correcta**. Crearemos en la raíz del mismo el archivo netlify.toml:



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the file structure of a project named 'TIENDA_MAGICA'. The files listed are: .vscode, node_modules, public, src, .gitignore, index.html, netlify.toml (selected), package-lock.json, package.json, README.md, and vite.config.js. The main editor area on the right shows the content of the selected netlify.toml file. The configuration includes a [build] section with command, functions, and publish settings, and a [[redirects]] section for routing all traffic to index.html.

```
1 [build]
2   command = "vite build"
3   functions = "netlify/functions"
4   publish = "dist"
5
6 [[redirects]]
7   from = "/*"
8   to = "/index.html"
9   status = 200
```

Nota: Esta es una configuración básica hecha a partir de los proyectos previamente realizados en clase, para otras formas de proyecto, puede variar.

8.- Subir tus cambios a github.

9.- Verificar que se despliegue correctamente la página:

